WHAT IS CLAIMED IS:

- 1. A cream containing interferon encapsulated with liposome, comprising an interferon encapsulated with liposome, and a cream substrate.
- 2. The cream containing interferon encapsulated with liposome according to claim 1, wherein the content of interferon is 1.0×10^4 5×10^8 IU/g cream at the ratio of biological activity of interferon to weight of cream; the ratio of biological activity of interferon to weight of cream substrate is 5×10^3 - 5×10^6 IU: 1g; and the ratio of biological activity of interferon encapsulated with liposome to total volume of liposome is 1.0×10^5 5×10^8 IU: 1 ml in the case of greater than 8.0% efficiency of encapsulation.
- 3. The cream containing interferon encapsulated with liposome according to claim 2, wherein the ratio of biological activity of interferon to the weight of cream substrate is 5×10^4 IU: 1g.
- 4. The cream containing interferon encapsulated with liposome according to claim 1 or 2, wherein the liposome used for encapsulating interferon is made from the following components:

a membrane material, selected from the group consisting of phosphatidyl choline, soya lecithin, cephalin, lecithin, cholesterol, stearic amide and mixtures thereof; and an antioxidant agent.

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5. The cream containing interferon encapsulated with liposome according to claim 4, wherein said liposome is made from the following components:

phosphatide

65-90 parts by weight

cholesterol

50-30 parts by weight

stearic amide

0.5-5 parts by weight and

- 6. The cream containing interferon encapsulated with liposome according to claim 5, wherein said liposome is made from the following components by weight:
- phosphatide: cholesterol: stearic amide: vitamin E= 80: 18: 1: 1.
 - 7. The cream containing interferon encapsulated with liposome according to claim 1 or 2, wherein said cream substrate comprising:

excipient

200-300 parts by weight

emulsifier

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10-30 parts by weight

stabilizer

5-25 parts by weight; and

antiseptic

0.5-1 parts by weight;

and wherein, said excipient is selected from the group consisting of glycerin, liquid paraffin, stearic acid, glyceryl monostearate, octadecyl alcohol, white Vaseline, yellow Vaseline, lanolin and mixtures thereof;

said emulsifier is selected from the group consisting of polysorbate 20, polysrobate 60, polysorbate 80, Span 80 and sodium dodecyl sulfate;

said stabilizer is selected from the group consisting of mannit, sucrose, maltose, dextran 40, trehalose, ethyllactate and mixtures thereof; and

said antiseptic is selected from the group consisting of methyl p-hydroxybenzoate, ethyl p-hydroxy benzoate, propyl p-hydroxybenzoate and mixtures thereof.

- 8. The cream containing interferon encapsulated with liposome according to claim 7, wherein the emulsifier is polysorbate 80.
 - 9. The cream containing interferon encapsulated with liposome according to claim 8, wherein the ratio of polysorbate 80 to cream substrate is 2.0%-5.0% by weight.

10. The cream containing interferon encapsulated with liposome according to claim 9, wherein the cream substrate comprising:

white Vaseline: polysorbate 80: dexcran 40: ethyl lactate: ethyl p-hydroxy benzoate = 20: 20: 5: 3: 1: 1:0.1 by weight.

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- 11. The cream containing interferon encapsulated with liposome according to claim 1 or 2, wherein said interferon is natural IFN or recombinant human IFN- α , β or γ .
- 12. The cream containing interferon encapsulated with liposome a ccording to claim 11, wherein said interferon is IFN α -2a, IFN α -1b or IFN α -2b.